

ABSTRAK

Bagi masyarakat masih banyak penentuan dan perhitungan harta warisan dilakukan dengan cara tidak sesuai dengan hukum waris Islam sehingga, perlu dikembangkan aplikasi fiqih mawaris untuk penentuan ahli waris berbasis android sebagai pendukung pembelajaran di *Center For Mawarith Studies*. Aplikasi untuk penentuan ahli waris sudah banyak dikembangkan dengan *web*, *dekstop* dan *mobile*. Pada aplikasi *mobile* umumnya hanya bersifat *native* (*java* dan *XML*) hanya bekerja pada *platform* yang sudah dispesifikasikan di awal pengembangan. Sehingga pengembangan aplikasi ini perlu menggunakan kombinasi bahasa *native* (*XML* dan *java*) dan *web view* (*HTML* dan *Javascript*) yang di dukung oleh android studio. Pengerjaan aplikasi tersebut menggunakan metodologi *extreme programing* (*XP*) dan *rule* penentuan ahli waris dibuat sesuai pohon keluarga. Pengujian dilakukan dengan beberapa cara, diantaranya ahli fiqih mawaris memberikan penilaian dalam aspek isi/materi 98,33% dan aspek penentuan 95% telah divalidasi oleh ahlinya, ahli media pembelajaran memberikan penilaian yang paling rendah dalam segi aspek gambar 70% dengan memiliki kelemahan dalam segi penempatan dan ukuran gambar kurang diperbesar sehingga pengguna kurang jelas. Aplikasi *mobile* ini hanya bersifat membantu dalam mempelajari materi fiqih mawaris dan penentuan ahli waris.

Kata kunci: penentuan ahli waris, *mobile*, *extreme programing*.

ABSTRACT

For the community there is still a lot of determination and calculation of inheritance done in a way not in accordance with Islamic inheritance law so that it is necessary to develop fiqh mawaris application for the determination of android-based heirs as a supporter of learning in the Center For Mawarith Studies. The application for determining the heirs has been developed with web, desktop and mobile. Generally mobile applications are only native (java and XML), only work on platforms that have been specified at the beginning of development. So that the development of this application needs to use native language combinations (XML and java) and web views (HTML and JavaScript) which are supported by android studio. The application works uses extreme programing (XP) methodology and the rule of determining the heirs was made according to the family tree. Tests are carried out in several ways, including the Jurisprudence expert, giving an assessment of the content / material aspects 98.33% and 95% determination aspect has been validated by experts, learning media experts provide the lowest rating in terms of 70% image aspects by having weaknesses in in terms of placement and image size is less enlarged so the user is less clear. This mobile application is only helpful in studying the material of fiqh mawaris and the determination of heirs.

Keywords: determination of heirs, mobile, extreme programing.